

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A copolymer having polyamide blocks and polyether blocks, in which:

- the polyether blocks essentially consist of PTMG having a number-average molar mass  $M_n$ , of 200 to 4000 g/mol;
- the polyamide blocks are formed from a linear (noncyclic, nonbranched) aliphatic predominantly semicrystalline monomer and from a sufficient amount of at least one comonomer to reduce their crystallinity, while remaining immiscible with the polyether amorphous blocks; and
- the shore D hardness is 20 to 70, and in which the copolymer is prepared by a process comprising reacting polyamide blocks having carboxylic and groups with a polyetherdiol.

2. (Previously Presented) The copolymer as claimed in claim 1, in which the predominantly semicrystalline monomer is 11-aminoundecanoic acid or lauryllactam.

3. (Original) The copolymer as claimed in claim 1, in which the predominantly semicrystalline monomer is a diamine associated with a diacid, both these being aliphatic and linear.

4. (Previously Presented) The copolymer as claimed in claim 3, in which the aliphatic diamine has 6 to 12 carbon atoms and the aliphatic diacid has 9 to 12 carbon atoms.

5. (Previously Presented) The copolymer as claimed in claim 1, in which the comonomer introduced in order to reduce the crystallinity is a lactam, an alpha, omega-aminocarboxylic acid or a cyclic diamine associated with a diacid.

6. **(Previously Presented)** The copolymer as claimed in claim 1, in which the polyamide blocks are formed from lactam 12 (predominantly crystalline) and IPD 10 (isophorone diamine and sebacic acid).

7. **(Previously Presented)** The copolymer as claimed in claim 1, in which the polyamide blocks are formed from lactam 12 (predominantly crystalline) and from PACM 12 (PACM 20 and C<sub>12</sub> diacid).

8. **(Previously Presented)** The copolymer as claimed in claim 1, in which the polyamide blocks are formed from lactam 12 (predominantly crystalline) and either lactam 6 or 11-amino-undecanoic acid or lactam 6 and 11-amino-undecanoic acid.

9. **(Previously Presented)** The copolymer as claimed in claim 1, in which the crystalline monomer represents at least 55% by weight of the constituents of the polyamide blocks.

10. **(Previously Presented)** The copolymer as claimed in claim 1, in which the amount of polyether blocks is 10 to 40% by weight of the copolymer.

11. **(Previously Presented)** The copolymer as claimed in claim 1, in which the mass  $M_n$  of the polyether blocks is between 300 to 1100.

12. **(Previously Presented)** The copolymer as claimed in claim 1, in which the Shore D hardness is 40 to 70.

13. **(Previously Presented)** An article manufactured with the copolymers as claimed in claim 1.

**14. (Previously Presented)** The copolymer as claimed in claim 1, in which the crystalline monomer represents at least 70% by weight of the constituents of the polyamide blocks.